The minor in computational science consists of 18 credit hours of course work:
A simulation and modeling course (CSE 2021, ISE 5372, or MATSCEN 4321), either CSE 1221 or 2221, a numerical methods course (CSE 5361, ECE 5510, MATH 3607, MATH 5401, AERO 3581, or ME 2850), a capstone research or internship using an approved departmental research course designation, one discipline specific computational modeling course (CHEM 5440, MICROBIO 5161H, CSE 3521, CSE 3341, BMI 5730, MATH 5651, PHYS 6810, LING 5801, LING 5802, ECON 4050, ECON 5001, GEOG 5221, PSYCH 5608, PSYCH 5609, PSYCH 5618, OR EARTHSC 5642), and one elective (MATH 2255, MATH 2415, MATH 2568, CSE 5441, CSE 5544, CEG 4760, ECE 5759, ISE 3200, or MATSCEN 4181). All courses in the minor except for CSE 1221 must be at the 2000 level or above.

After the Arts and Sciences advisor has approved your Minor Program Form, you should file the form with your college or school counselor. For further information about the minor program, contact ASC advising.

Computational Science Minor Program Guidelines

The following guidelines govern this minor.

Required for graduation No

Credit hours required 18 credit hours. At least 6 credit hrs must be at the 3000 level or above.

Transfer and EM credit hours allowed
A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE
A student is permitted to overlap up to 6 credit hours between the GE and the minor.